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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

JUN 0 4 2013

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2018

| WELL COMPLETION OR RECOMPLETION REPORT AND LOG Farmington Field Bureau of Land Man | | | | | | | | | | 5. Le Offic | ase Serial No. | NMSF-07 | 8496 | i |
|--|-------------------------------|-----------------------|---------------------|--|-----------------|----------------------------------|----------------------------|-----------------------------------|------------------------------|--|----------------------------|---|------------|----------------------|
| 1a. Type of W | ell | Oil Well | X Gas W | ell | Dry | Otl | Burca er | u o' La — | nd Man | 6. If | Indian, Allottee | or Tribe Name | | |
| b. Type of Co | ompletion: | New Well | Work (| Over _ | Deepen | Plu | g Back | Diff. | Resvr., | 7 10 | nit or CA Agree | ment Name s | and No | |
| | | Other: | | RECOMPLETE | | | | | | 7. Unit or CA Agreement Name and No. San Juan 28-7 Unit | | | | |
| 2. Name of Op | perator | | | | | | | | | | 8. Lease Name and Well No. | | | |
| | | | Hilcorp Ene | orp Energy Company 3a. Phone No. (include area code) | | | | | | | San Juan 28-7 Unit 133G | | | |
| 3. Address | 382 Road 310 | 0, Aztec, | | 3a. Phone | | ae area cod 5) 599-3 4 | | | 9. API Well No. 30-039-26699 | | | | | |
| | | e with Fede | eral requirements)* | | | | | 10. Field and Pool or Exploratory | | | | | | |
| At surface Unit L (NWSW), 2170' FSL & 320' FWL | | | | | | | | | | Blanco Mesaverde 11. Sec., T., R., M., on Block and | | | | |
| At Suitace Clift L (194544), 2170 FOL & 520 FAVL | | | | | | | | | | Survey or Area | | | | |
| At ton prod | . Interval reported | helow | | Same as above | | | | | | Sec. 35, T28N, R07W 12. County or Parish 13. State | | | | |
| At top prou | . Interval reported | DEIOW | | Same as above | | | | | | 12. | | | | 15. State |
| At total der | | 115 7 | | Same as above | | | | | | | | | New Mexico | |
| Date Spud 6 | ₁ 19/2001 | 13. 1 | | e T.D. Reached 16. Date Completed 5/24/2018 6/27/2001 D & A X Ready to Prod. | | | | | | 17. Elevations (DF, RKB, RT, GL)* 6078' GL | | | | |
| 18. Total Dept | h: | 72 | 00' 19. I | Plug Back T | District C | | | | 20. Depth | Bridge | Plug Set: | MD | | |
| NWOCD TVD | | | | | | | | | | | | | | |
| 21. Type Elec | tric & Other Mech | nanical Logs | Run (Submit co | py of each) | 1 | H15. 4 4 2019 | | | | - | | | = | es (Submit analysis) |
| | | | | | J | JUN 1 1 2010 | | | | Was DST run? Directional Survey? | | X No Yes (Submit report) X No Yes (Submit copy) | | • • |
| 23. Casing and Liner Record (Report all strings set in well) | | | | | | | | | | | os (oucomi copy) | | | |
| Hole Size | | | t.) Top (M | ID) B | ottom (ME | " " | Cementer | | No. of Sks. & | | Slurry Vol. | Cement top* | | Amount Pulled |
| 12-1/4" | 9 5/8" J-55 | 36 | 0 | | 332' | | Depth n/a | | pe of Cement 139 sx | | (BBL) | | | None |
| 8 3/4" | 7" J-55 | 7'' J-55 20 | | 0 | | | n/a | | 516 sx | | | | | None |
| 6 1/4" | 4 1/2" J-55 10.5 | | 0 | | 7200' | | n/a | | 381 sx | | | | - | None |
| | | | | | | | | _ | | \dashv | | | | |
| | | | | | | | | | | | | | | |
| 24. Tubing Re Size | cord Depth Set (M | D) Pa | cker Depth (MD) | S | ize | Depth Set (MD) | | | acker Depth (MD) | | Size | Depth Set (M | (D) | Packer Depth (MD) |
| 2 3/8" | 4744' | 7. | | | | | | | | | | | , | |
| 25. Producing | Intervals Formation | | Тор | Bo | | 26. Perfora | | | | | Size | No. Holes | | Perf. Status |
| A) | Point Look | out | 4919' | 52 | Bottom 5280' | | Perforated Interval 1 SPF | | | .34" | | 25 | | open |
| B) | Menefee | | 4499' | 48 | 92' | 1 SPF | | | | | .34" | 25 | | open |
| C) D) | TOTAL | | + | + | | ACCEPTED FOR | | | | . ==: | 20000 | 50 | - | |
| | ture, Treatment, C | ement Squee | ze, etc. | | <u>'</u> | i | NOCE | P H Chang | J FOR | PRKE | ECURD | | | |
| | Depth Interval 4919'-5280' | | | Acidized w | /1000 Gal | 15% HCI | frac'd w/ | | and Type o | | | 700 gel foom | . / 1 1 | OM SCE NO |
| 4919'-5280' Acidized w/1000 Gal 15% HCL, frac'd w/ 149.00# 29/40 AZ sand / 103,180 Gal 70Q gel foam / 1.12M SCF N2 4499'-4892' Acidized w/1000 Gal 15% HCL, frac'd w/ 149.33# 2010 AZ sphid / 109,760 Gal 70Q gel foam / 1.4M SCF N2 | | | | | | | | | | M SCF N2 | | | | |
| | - | | | | | | | | 1 | \mathcal{L} | | | | |
| 28. Production | - Interval A | | | | | | | |)M FIEL | 7) (| FFICE | | | |
| Date First | Test Date | Hours | Test | Oil | Gas | Water | OH Grav | | Gas / | | Production Me | | | |
| Produced | | Tested 1 | Production | BBL | MCF | BBL | Corr. AP | ¹ // | Gravity | | | Ve | entec | 1 |
| 5/25/2018 | 5/24/2018 | <u></u> | | 0 | 5 | 0 | | n/a | n/ | a | | | | |
| Choke Size | Tbg. Press. SI | Csg. Press Flowing | | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | | Well Sta | tus | | | | |
| Size | 31 | riowing | Rate | BBL | MCF | BBL | Katio | | | | | | | |
| | | 2 psi | 0 | 0 225 mcf/d 2 n/a | | | | Flowing | | | | | | |
| 28a. Production Date First | n - Interval B Test Date | Hours | Test | est Oil G | | Water | Oil Gravity | | Gas | Production Method | | | | |
| | | Tested | Production | BBL | Gas MCF | BBL | Corr. API | | Gravity | | | | | |
| | | | \rightarrow | | | 1 | | | | | | | | |
| Choke | Tbg. Press. | Csg. | 24 Hr. | Oil | Gas | Water | Gas/Oil | | Well Sta | tus | l | | | |
| Size | Flwg. | Press. | Rate | BBL | MCF | BBL | Ratio | | | | | | | |
| | SI | | | | 1 | | | | | | | | | |

| 28b. Producti | | | T | | 1 | - | 1 | 7 | T | | | | |
|---|-----------------|-------------------------|------------------------------------|-------------------|--|-------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------------|---------------|--|--|
| Date First Test D Produced | | ite | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | | | |
| | | | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | | | |
| | ŀ | | | | | | | | | | | | |
| Ot also | m. n. | | Cin | 24 Hr. | 03 | Gen | Water | Gas/Oil | Well Status | 1 | | | |
| Choke | Tbg. Pr | ess. | Csg. | 1 | Oil BBL | Gas | BBL | Ratio | well Status | | | | |
| Size Flwg. | | | Press. | Rate | DDL | MCF | DDL | Kano | 1 | | | | |
| | SI | | ł | | | | | | | | | | |
| 28c. Producti | ion - Interm | מו | l | | | - | | | <u>l</u> | | | | |
| Date First | Test Da | | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | | | |
| Produced | 1 csi Da | ue | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | 1 roduction withhou | | | |
| Floduceu | | ļ | | Troduction | I DDL | IVICI | l DDF | Con. Air | Giavity | 1 | | | |
| | 1 | | | | | | | | | | | | |
| Choke | The Dr | | Csg. | 24 Hr. | Oil | Gas | Water | Gas/Oil | Well Status | | | | |
| Size | Flwg. | Tbg. Press. | | Rate | BBL | MCF | BBL | Ratio | Wen Status | | | | |
| SIZE SI | | | Press. | | DDL | IVICI | BBL | | | | | | |
| | | | 1 | | 1 | | 1 | | | | | | |
| 29. Disposition | on of Gas (| Solid usen | for fuel v | ented etc. | | | | | 1 | | | | |
| 29. Dispositio | on or das (c | Jona, usea | yor juez, v | emeu, eic.j | | | Ver | nted | | | | | |
| | | | | | | | | | | | | | |
| 30. Summary | of Porous | Zones (Inc | lude Aquif | ers): | | | | | 31. Formation (Log) Markers | | | | |
| | | | | | | | | | | | | | |
| Show all in | nportant zo | nes of porc | osity and co | ontents thereof: | Cored inter- | vals and all d | irill-stem tes | t, | | | | | |
| including d | lepth interva | al tested, c | ushion use | d, time tool oper | n, flowing an | d shut-in pro | essures and | | | | | | |
| recoveries. | | | | • | | - | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | Тор | | |
| Format | tion | Тор | | Bottom | | Descript | tions, Conte | nts, etc. | | Name | Meas. Depth | | |
| | | | | | | _ | | | | | Meas. Depth | | |
| Ojo Ala | amo | 1910 | , | 2020' | | , | White, cr-gr ss | | | Ojo Alamo | 1910' | | |
| Kirlta | | 2020 | , | 2481' | | Gry sh interbe | | | | Kirtland | 2020' | | |
| | | | | | | • | 5 / . | 0 | | | | | |
| Fruitla | and | 2481' | | 2697' | Dk gry-gry | carb sh, coal, s | grn silts, light- | med gry, tight, fine gr ss. | | Fruitland | 2481' | | |
| Pictured (| Cliffs | 2697' | | 2860' | Bn-Gry, fine grn, tight ss. | | | | | Pictured Cliffs | 2697' | | |
| Lewis | | 2860 | , | 3657' | | Shale | w/ siltstone sti | ngers | 1 | Lewis | 2860' | | |
| | | | - 1 | | | | | | | | | | |
| | | | 1 | | | | | | | | | | |
| Chacra Mesa Verde | | 3657' 3097' 4485' | | 3097' | Gry fi | n grn silty, glat | aconitic sd sto | ne w/ drk gry shale | 1 | Chacra | 3657' | | |
| | | | | 4485' | | Light gry, me | d-fine gr ss, ca | arb sh & coal | | Mesaverde | 3097' | | |
| | | | | 4943' | | Mod dorle on | y, fine gr ss, ca | ich ah Pragat | | Menefee | 4485' | | |
| Menefee | | 1403 | | 4743 | l | | - | |] | Menerce | 1405 | | |
| Point Lookout Mancos | | 4943' 5350' | | 5350' 6186' | Med-light gr | y, very fine gr | ss w/ frequent formation | sh breaks in lower part o | ^t] | Point Lookout | 4943' | | |
| | | | | | | n | | _ | 1 | Mancos | 5350' | | |
| Iviance | os | 5350 | | 0180 | | | ark gry carb sl | | 1 | Mancos | 3330 | | |
| Gally | ,, | 6186 | , | 6863' | Lt. gry to brn calc carb micac gluac silts & very fine gry gry s irreg, interbed sh. | | | | Gallup | | 6186' | | |
| Gallup Greenhorn | | 6863' 6930' | | 6930' | 1 | | | | | Greenhorn | 6863' | | |
| | | | | 6929' | Highly calc gry sh w/ thin Imst. | | | | | Graneros | 6930' | | |
| Graneros | | 0730 | | 0727 | Dk gry shale, fossil & carb w/ pyrite incl. Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh | | | | s | Graneros | 0550 | | |
| Dakota | | 6929' | | | | • | Y shale break | • • | 1 | Dakota | 6929' | | |
| | | | | | | | | | | | | | |
| 32. Additiona | al remarks (| include plu | igging prod | cedure): | | | | | | | | | |
| | | , , | B | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| The | well is | now nr | oducino | from the l | MV only | for a 6 m | onth Me | nefee test. Afte | er 6 mos i | it will be DHC w/DK per | DHC 4007A7 | | |
| 1110 | 11011 10 | non pi | oudoni | | | | | a CIBP for the | | | D110 40017121 | | |
| | | | | THE DAKU | a will le | main 150 | iateu by | a CIDE IOI LITE | uurauon | of the test. | | | |
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| 22 Indicate o | uhiah itama | have been | ottoobod b | y placing a chec | le in the non | ranriata hav | 2001 | | | | | | |
| 33. Indicate v | winch hems | nave been | anached | y placing a che | k in the app | ropriate box | es. | | | | | | |
| [Floateia | cal/Mechani | ioni I om (| 1 full oat =c | (امام | | Cool | ogic Report | □ De ^e | Γ Report | Directional Surv | | | |
| L Electric | Jai/Iviechan | icai Logs (| i iuli set ie | :qu.) | | L Geor | ogic Keport | | г кероп | Directional Surv | /ey | | |
| П с <i>з</i> | Matica for | _1 | | i& | | П.с | Analysis | Oth | | | | | |
| | Notice for | piugging a | na cement | verification | | L Core | Anarysis | | er: | | | | |
| 34 I hereby c | pertific that t | he foregoi | na and atta | shed informatio | n is complet | e and correc | t as determin | ned from all available | records (see at | tached instructions* | | | |
| Ja. Thereby | oornin mat i | c 1016801 | ng anu atta | onea mioriliado | r ra combiei | - and -01160 | . as ucicinili | iou nom an avanable | rocoras (see al | maciou mandononaj | | | |
| Mar | a (nlana | rimt) | | Cham | lone Me | eton | | Tist. | Onores | ione/Regulator/ Toobs | ician-Sr | | |
| Name (please print) Cherylene Weston Title Operations/Regulatory Technician-Sr. | | | | | | | | | | | | | |
| - (Man: 40a a 11 11 ott) | | | | | | | | | | | | | |
| Signa | ature | | $\mathbf{v} \mathbf{w} \mathbf{x}$ | ene W | WO 10 | V \ | | Date | <u> </u> | <u> </u> | | | |
| | | | () | | | | | | | | | | |
| Title 18 II S C | C. Section 1 | 001 and T | itle 43 II S | .C. Section 121 | 2. make it a | crime for any | v person kno | wingly and willfully to | o make to any | department or agency of the Unite | ed States any | | |
| | | | | contations of t | | | | | uny | or agoney or the Office | | | |

(Continued on page 3) (Form 3160-4, page 2)